

contents of the cell, and temporary erase end time  
information of the first data unit including the  
contents of the cell,

5 a temporary erase range for a portion of bitstream  
information included in the bitstream object is  
designated by the temporary erase start time  
information and the temporary erase end time  
information, and

10 when the cell corresponding to a portion  
designated as the temporary erase range includes a head  
of the stream object, the streamer information is  
rewritten by adjusting the temporary erase start time  
information to the start time information of the first  
one of the first data units which starts within the  
15 third data unit that includes the first data unit with  
the start time information.

24. An information medium for recording bitstream  
information formed by a stream object which includes a  
first data unit, a second data unit having one or more  
20 first data units, and a third data unit having one or  
more second data units, and streamer information that  
manages the stream information, said information medium  
having a configuration wherein

25 the bitstream information includes information of  
a program formed of one or more cells, and information  
of a program chain indicating a sequence of the program  
or a portion thereof,

the information of the program chain is included  
in the streamer information,

the information of the program chain includes  
start time information of the first data unit including  
5 contents of the cell, temporary erase start time  
information of the first data unit including the  
contents of the cell, and temporary erase end time  
information of the first data unit including the  
contents of the cell,

10 a temporary erase range for a portion of bitstream  
information included in the bitstream object is  
designated by the temporary erase start time  
information and the temporary erase end time  
information, and

15 the streamer information is rewritten by adjusting  
the temporary erase start time information to the start  
time information of the first one of the first data  
units which starts within another third data unit  
immediately followed by the third data unit that  
20 includes the first data unit with the start time  
information.

25 25. An information medium for recording bitstream  
information formed by a stream object which includes a  
first data unit, a second data unit having one or more  
first data units, and a third data unit having one or  
more second data units, and streamer information that  
manages the stream information, said information medium

having a configuration wherein

the bitstream information includes information of  
a program formed of one or more cells, and information  
of a program chain indicating a sequence of the program  
or a portion thereof,

the information of the program chain is included  
in the streamer information,

the information of the program chain includes  
start time information of the first data unit including  
contents of the cell, temporary erase start time  
information of the first data unit including the  
contents of the cell, and temporary erase end time  
information of the first data unit including the  
contents of the cell,

a temporary erase range for a portion of bitstream  
information included in the bitstream object is  
designated by the temporary erase start time  
information and the temporary erase end time  
information, and

the streamer information is rewritten by adjusting  
the temporary erase end time information to the start  
time information of the first one of the first data  
units which starts the third data unit that includes  
the first data unit which immediately follows the cell  
corresponding to the portion designated as the  
temporary erase range.

26. An information medium for recording bitstream

information formed by a stream object which includes a first data unit, a second data unit having one or more first data units, and a third data unit having one or more second data units, and streamer information that manages the stream information, said information medium  
5 having a configuration wherein

the streamer information includes management information of the stream object, and

when a head portion of the stream object is  
10 deleted, the third data unit located at a head of the stream object after deletion remains unchanged, and only contents of the management information corresponding to the deleted portion are changed in correspondence with the deletion.